



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T-4358

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2017-06-23-03 Date: 26-06-2017
 Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.
 Address : Vidyaranyapura Sub division, BBMP, Bangalore.
 Project Name : Improvements to roads and drains Iyengar House road in ward no 10.
 Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013
 Customer's Reference : BBMP/EE/BTP/WO/83/2017-18
 Source of Sample : Sample supplied by Agency
 Sample Condition : Satisfactory
 Date of Receipt : 23-06-17
 Sample ID No : 2017-06-23-03/01
 Sample Type : Dalmia 53grade
 Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
 IS 4031 (Part 1,2 3,4,5, 6,11):1988
 IS 4031 Part 1 DETERMINATION OF FINENESS BY DRY SIEVING, Clause 4.4
 IS 4031 Part 2, Determination of Fineness by Blaine Air Permeability Method, Clause 5
 IS 4031 Part 3, Determination of Soundness, Clause 5, Clause 6
 IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
 IS 4031 Part 5, Determination of Initial & Final Setting Time, Clause 5
 IS 4031 Part 11, DETERMINATION OF DENSITY , Clause 6
 Date of test : 24-06-17

Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	Fineness by dry sieving (%)	2.85	—
2	Finess by Air permeability method (m ² /kg, Min)	282.5	225m ² /kg, Min
3	Density (gm/cc)	3.22	—
4	Standard Consistency (%)	29.0%	Not specified
5	Initial Setting time	165 minutes	Not less than 30 minutes
6	Final Setting time	290 minutes	Not more than 600 minutes
7	Soundness (Le Chatelier's Method)	1.5mm	Not more than 10 mm

Note:

The results pertain to the samples received and tested.
 All information furnished by Customer/Representative
 Any correction in the report will make this report invalid
 This report without prior written approval should not be reproduced or published in full or part.
 Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
 Harshitha

FOR CIVIL Pro.

R KARTHIK RECHAN
 Authorized Signatory
 Quality Manager



Page 1/1
 ****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
 GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3



Certificate No.: T-4358

TEST REPORT OF PHYSICAL PROPERTIES OF CEMENT - 53 Grade

Lab ID : CP-2017-06-23-03 Date: 22-07-2017
Customer : Assistant Executive Engineer, Vidyanarayapura Sub division, BBMP, Bangalore.
Address : Vidyanarayapura Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.
Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013
Customer's Reference : BBMP/EE/BTP/WO/83/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 23-06-17
Sample ID No : 2017-06-23-03/01
Sample Type : Dalmia 53grade
Reference to BIS codes : IS 12269 : 2013, 53 Grade Ordinary Portland cement Specification ,
IS 4031 Part 4, Determination of Consistency of Standard Cement Paste, Clause 5
IS 4031 Part 6, Determination of Compressive Strength, Clause 6
Date of test : 24-06-17

Compressive Strength			
Sl.No.	Physical properties	Results	Requirement as per IS 12269: 2013
1	3 Days	28.5N/mm ²	Not less than 27 N/mm ²
2	7 Days	39.0N/mm ²	Not less than 37 N/mm ²
3	28 Days	56.5N/mm ²	Not less than 53 N/mm ²

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by

Harshitha

FOR CIVIL Pro.

R. Karthik Rechan

R KARTHIK RECHAN

Authorized Signatory

Quality Manager



Page 1/1

****End of Report****

Harshitha
25/7/17

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2017-06-23-03 Date: 28-06-17

Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.

Address : Vidyaranyapura Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.

Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013

Customer's Reference : BBMP/EE/BTP/WO/83/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 23-06-17

Sample ID No : 2017-06-23-03/03

Sample Type : Fine Aggregate

Reference to BIS codes : IS 383 : 2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption

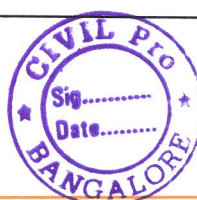
Date of test : 23-06-17

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS 383:2016			
						Grading Zone I	Grading Zone II	Grading Zone III	Grading Zone IV
1	10 mm	0	0	0	100	100	100	100	100
2	4.75 mm	15	15	1.5	98.5	90-100	90-100	90-100	95-100
3	2.36 mm	214	229	22.9	77.1	60-95	75-100	85-100	95-100
4	1.18 mm	195	424	42.4	57.6	30-70	55-90	75-100	90-100
5	600 micron	201	625	62.5	37.5	15-34	35-59	60-79	80-100
6	300 micron	182	807	80.7	19.3	5-20	8-30	12-40	15-50
7	150 micron	125	932	93.2	6.8	0-10	0-10	0-10	0-15
8	Pan	68	1000	100	0	---	---	---	---

Result : The tested Sample Conforms to Grading Zone II

Page 1/2



P. Krishnan

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3



Certificate No.: T-4358

TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2017-06-23-03

Date: 28-06-17

Sample ID No : 2017-06-23-03/03

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.72	—
2	Specific Gravity	2.52	—
3	Material finer than 75 micron(%)	5.1	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by

Harshitha

FOR CIVIL Pro.



R. KARTHIK RECHAN

Authorized Signatory

Quality Manager

Page 2/2

****End of Report****

Handwritten signature
28/7/17

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T-4358

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2017-06-23-03 Date: 28-06-2017
Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.
Address : Vidyaranyapura Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.
Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013
Customer's Reference : BBMP/EE/BTP/WO/83/2017-18
Source of Sample : Sample supplied by Agency
Sample condition : Satisfactory
Date of Receipt : 23-06-17
Sample ID No : 2017-06-23-03/02(a)
Sample Type : 40mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 23-06-17

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 40MM DOWN COARSE AGGREGATE:

Total weight taken : 15000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	80 mm	0	0	0.0	100	100
2	40 mm	878	878	5.9	94.1	90-100
3	20 mm	7147	8025	53.5	46.5	30-70
4	10 mm	4281	12306	82.0	18.0	10-35
5	4.75 mm	2087	14393	96.0	4.0	0-5
6	Pan	607	15000	100.0	0	---

Page 1/2



M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2017-06-23-03
Sample ID No : 2017-06-23-03/02(a)

Date: 28-06-2017

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	11.5	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	10.7	
3	Specific Gravity	2.61	—
4	Bulk Density(Loose) (Kg/l)	1.49	—
5	Bulk Density(Compacted) (Kg/l)	1.54	—
6	Water Absorption(%)	0.25	—

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha

FOR CIVIL Pro.



P. Karthik Rechan

R KARTHIK RECHAN

Authorized Signatory

Quality Manager

Page 2/2

****End of Report****

28/7/17

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2017-06-23-03 Date: 28-06-2017
Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.
Address : Vidyaranyapura Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.
Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013
Customer Reference : BBMP/EE/BTP/WO/83/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 23-06-17
Sample ID No : 2017-06-23-03/02(b)
Sample Type/ Size : 20mm down size coarse aggregate
Reference to BIS codes : IS: 383:2016 (Specification for Coarse and fine Aggregates)
IS: 2386 :1963(Part - 1,3,4) RA2011
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids, Water Absorption
IS 2386 Part 4: Mechanical Properties
Date of test : 23-06-17

SIEVE ANALYSIS (PARTICLE SIZE DISTRIBUTION) OF 20MM DOWN COARSE AGGREGATE:

Total weight taken : 5000 grams

Sample No.	Sieve No.	Weight Retained in gms	Cumulative Weight Retained in gms	% Cumulative Weight Retained	% Passing	Required as per IS 383:2016
1	40 mm	0	0	0	100	100
2	20 mm	294	294	5.9	94.1	90-100
3	10 mm	2147	2441	48.8	51.2	25-55
4	4.75 mm	2382	4823	96.5	3.5	0-10
5	Pan	177	5000	100.0	0.0	-

Page 1/2

28/7/17



P. J. Chik R

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
4, 7TH MAIN MALLESWARAM, BANGALORE -3



Certificate No.: T-4358

TEST REPORT ON COARSE AGGREGATES

Lab ID : CP-2017-06-23-03
Sample ID No : 2017-06-23-03/02(b)

Date: 28-06-2017

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS:383-2016
1	Flakiness Index(%)	10.8	Combined Flakiness & Elongation Index Shall not Exceed 40% for Uncrushed & Crushed Aggregate
2	Elongation Index(%)	12.5	
3	Specific Gravity	2.62	—
4	Bulk Density(Loose) (Kg/l)	1.51	—
5	Bulk Density(Compacted) (Kg/l)	1.58	—
6	Water Absorption(%)	0.21	—
7	Aggregate crushing Value(%)	23.8	Max 30% for Aggregates to be used in concrete for wearing Surface, In case Aggregate Crushing Value Exceeds 30% then the test for ten percent fines should be conducted for Aggregates to be used in concrete other than for wearing Surface.
8	Aggregate Impact Value(%)	21.5	30% for Aggregates to be used in concrete for wearing Surface, 45% for Aggregates to be used in concrete other than for wearing Surface.

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harshitha



FOR CIVIL Pro.

R KARTHIK RECHAN

Authorized Signature

Quality Manager

Page 2/2

End of Report

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST RESULTS OF STEEL

Lab ID : CP-2017-06-26-01 Date: 28-06-17
Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.
Address : Vidyaranyapura Sub division, BBMP, Bangalore.
Project Name : Improvements to roads and drains Iyengar House road in ward no 10.
Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013
Customer's Reference : BBMP/EE/BTP/WO/83/2017-18
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 26-06-17
Sample ID No : 2017-06-26-01/01
Sample Type : Indus
Reference to BIS codes : IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.
Date of test: : 27-06-17

Sl.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm ²)	(N/mm ²)	(%)		
1	Indus	Fe500	8	0.390	538	649	18.0%	Satisfactory	Satisfactory
2	Indus	Fe500	10	0.612	559	670	20.0%	Satisfactory	Satisfactory

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared By:
Harshitha

Harshitha
28/7/17

Page 1/1
End of Report



FOR CIVIL Pro.
R. Karthik Rechan
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

TEST REPORT OF PRECAST COVER SLAB

Lab ID : CP-2017-06-26-01 Date: 30-06-17

Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.

Address : Vidyaranyapura Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.

Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013

Customer's Reference : BBMP/EE/BTP/WO/83/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 26-06-17

Sample ID No : 2017-06-26-01/02

Sample Type /Size : Precast Cover Slab

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete

Date of test : 26/06/2017

Sl. No.	Identification Mark	Diameter of the core	Height of the core	Weight of the core	Area	Failure Load	Core Compressive strength	Corrected Cylinder Compressive strength	Equivalent Cube Compressive strength
		(mm)	(mm)	(mm)	(Sq.mm)	(KN)	(N/mm ²)	(N/mm ²)	(N/mm ²)
1	Cover Slab-1	100.12	250.51	3.725	7871	172.5	21.9	21.9	27.4
2	Cover Slab-2	100.18	250.48	3.802	7881	181.2	23.0	23.0	28.7
3	Cover Slab-3	100.05	250.51	3.814	7860	178.8	22.7	22.7	28.4

Note:

The results pertain to the samples received and tested.

All information furnished by the Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by

Harshitha



FOR CIVIL Pro.

R KARTHIK RECHAN

Authorized Signatory

Quality Manager

Handwritten signature and date: 28/7/17

Page 1/1

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2017-07-05-02 Date: 08-07-17

Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.

Address : Vidyaranyapura Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.

Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013

Customer's Reference : BBMP/EE/BTP/WO/83/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-07-17

Sample ID No : 2017-07-05-02/01

Customer ID : PCC

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M15 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 08/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	PCC	M15	01/07/2017	08/07/2017	150.14 X 150.45 X 150.33	22589	8.174	295.9	13.1	13.4
2	PCC	M15	01/07/2017	08/07/2017	150.47 X 150.66 X 150.56	22670	8.135	312.8	13.8	
3	PCC	M15	01/07/2017	08/07/2017	150.24 X 150.61 X 150.34	22628	8.175	298.7	13.2	

Note:

The results pertain to the samples received and tested.

All information furnished by Customer/Representative

Any correction in the report will make this report invalid

This report without prior written approval should not be reproduced or published in full or part.

Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harsitha



FOR CIVIL Pro.

KARTHIK RECHAN

Authorized Signatory

Quality Manager

28/7/17

Page 1/1

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |



AN ISO 9001 : 2008 COMPANY & NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005

4, 7TH MAIN MALLESWARAM, BANGALORE -3

Certificate No.: T- 4358

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2017-07-08-02 Date: 11-07-17

Customer : Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.

Address : Vidyaranyapura Sub division, BBMP, Bangalore.

Project Name : Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.

Agency : Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013

Customer's Reference : BBMP/EE/BTP/WO/83/2017-18

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 08-07-17

Sample ID No : 2017-07-08-02/01

Customer ID : Drain Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/07/2017

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Concrete	M20	04/07/2017	11/07/2017	150.47 X 150.24 X 150.36	22607	8.214	388.8	17.2	17.9
2	Drain Concrete	M20	04/07/2017	11/07/2017	150.74 X 150.33 X 150.24	22661	8.147	410.2	18.1	
3	Drain Concrete	M20	04/07/2017	11/07/2017	150.68 X 151.14 X 150.74	22774	8.135	421.3	18.5	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harsitha



FOR CIVIL Pro.

KARTHIK RECHAN

Authorized Signatory
Quality Manager

Page 1/1

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2017-07-08-02	Date: 12-07-17
Customer	:	Assistant Executive Engineer, Vidyaranyapura Sub division, BBMP, Bangalore.	
Address	:	Vidyaranyapura Sub division, BBMP, Bangalore.	
Project Name	:	Improvements to roads and drains Iyengar House road in ward no 10. Doddabommasandra.	
Agency	:	Sri. Ahwathnarayana, No:10, Channappalayout, Sharadhambanagara, Bangalore-560013	
Customer's Reference	:	BBMP/EE/BTP/WO/83/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	08-07-17	
Sample ID No	:	2017-07-08-02/02	
Customer ID	:	Drain Concrete	
Sample Type /Size	:	150X150X150 mm	
Sample grade/Age	:	M20 / 7 Days Compressive Strength	
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5	
Date of test	:	12/07/2017	

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen	Cross sectional area	Weight of the sample	Failure Load	Compressive strength	Average Compressive Strength
					(mm)	(Sq.mm)	(kg)	(KN)	(N/mm ²)	(N/mm ²)
1	Drain Concrete	M20	05/07/2017	12/07/2017	149.35 X 150.32 X 150.44	22450	8.175	408.6	18.2	18.5
2	Drain Concrete	M20	05/07/2017	12/07/2017	150.44 X 150.54 X 150.47	22647	8.214	419.0	18.5	
3	Drain Concrete	M20	05/07/2017	12/07/2017	150.35 X 150.47 X 150.97	22623	8.169	427.6	18.9	

Note:

The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
This report without prior written approval should not be reproduced or published in full or part.
Samples will be disposed after 30 days from the date of issue of test certificate

Prepared by
Harsitha



FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

Page 1/1

****End of Report****

M : 9972924526 | Tel : +91 80 23444801 | e : rechan6630@yahoo.co.in, civilproexperts@gmail.com

HIGHWAY & BUILDING MATERIALS TESTING LABORATORY | STRUCTURAL |
GEO TECHNICAL | PROJECT MANAGEMENT | SURVEYING SERVICES |